

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE ERIE				
MI WATERS OF LAKE ERIE COUNTY				
NORTH CAPE	06/03/07 12:00 EST		0	Marine Thunderstorm Wind (EG 43 kt)
	06/03/07 12:00 EST		0	41.77N, 83.5W
A northward moving thunderstorm produced severe wind gusts over the Michigan waters of Lake Erie.				
MI WATERS OF LAKE ERIE COUNTY				
LUNA PIER	06/08/07 12:37 EST		0	Marine Thunderstorm Wind (MG 54 kt)
	06/08/07 12:37 EST		0	41.83N, 83.45W
A severe thunderstorm developed ahead of a strong cold front and moved east over Lake Erie.				
MI WATERS OF LAKE ERIE COUNTY				
NORTH CAPE	06/27/07 17:11 EST		0	Marine Thunderstorm Wind (EG 52 kt)
	06/27/07 17:11 EST		0	41.77N, 83.5W
Severe thunderstorms affecting southeast Michigan moved across the Michigan waters of Lake Erie during the afternoon of June 27, 2007. The storms developed along and ahead of a cold front, which dropped south through a very warm and humid airmass.				
LAKE HURON				
LH PT AUSTIN TO HBR BEACH MI 5NM OFFSHORE TO INTL BORDER COUNTY				
PORT AUSTIN	06/18/07 14:12 EST		0	Marine Thunderstorm Wind (EG 52 kt)
	06/18/07 14:12 EST		0	44.05N, 83W
PT AUSTIN TO HBR BEACH MI COUNTY				
PORT AUSTIN	06/18/07 14:12 EST		0	Marine Thunderstorm Wind (EG 52 kt)
	06/18/07 14:12 EST		0	44.05N, 83W
An isolated severe thunderstorm moved over the waters of Lake Huron, producing wind gusts up to 60 MPH.				
LAKE ST CLAIR				
ST CLAIR RIVER COUNTY				
ALGONAC	06/08/07 13:00 EST		0	Marine Thunderstorm Wind (EG 55 kt)
	06/08/07 13:00 EST		0	42.62N, 82.53W
DETROIT RIVER COUNTY				
AMBASSADOR BRIDGE	06/08/07 13:41 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	06/08/07 13:41 EST		0	42.23N, 83.07W
LAKE ST CLAIR (U.S. PORTION) COUNTY				
GROSSE POINTE	06/08/07 13:41 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	06/08/07 13:41 EST		0	42.27N, 82.93W
Severe thunderstorms developed ahead of a strong cold front and produced severe wind gusts across the Detroit and St Clair Rivers, as well as Lake St Clair.				
DETROIT RIVER COUNTY				
AMBASSADOR BRIDGE	06/27/07 13:20 EST		0	Marine Thunderstorm Wind (EG 52 kt)
	06/27/07 13:20 EST		0	42.23N, 83.07W
Severe thunderstorms affecting southeast Michigan moved across the Detroit River during the afternoon of June 27, 2007. The storms developed along and ahead of a cold front, which dropped south through a very warm and humid airmass.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MICHIGAN, East				
WASHTENAW COUNTY				
3.0 NW DEXTER	06/02/07 13:51 EST		0	Thunderstorm Wind (MG 52 kt)
	06/02/07 13:51 EST		0	42.3607N, 83.9115W
A trained spotter measured a 60 MPH wind gust.				
SHIAWASSEE COUNTY				
6.0 W PERRY	06/02/07 14:19 EST		0	Hail (0.88 in)
	06/02/07 14:19 EST		0	42.82N, 84.3383W
SHIAWASSEE COUNTY				
HENDERSON	06/02/07 14:23 EST		0	Hail (1.00 in)
	06/02/07 14:23 EST		0	43.08N, 84.2W
SHIAWASSEE COUNTY				
3.0 WSW VERNON	06/02/07 14:55 EST		3K	Thunderstorm Wind (EG 52 kt)
	06/02/07 14:55 EST		0	42.9134N, 84.0847W
A trained spotter reported large trees and power lines down.				
WASHTENAW COUNTY				
3.0 S YPSILANTI	06/02/07 15:04 EST		0	Thunderstorm Wind (EG 52 kt)
	06/02/07 15:04 EST		0	42.1866N, 83.62W
Law enforcement reported a tree 1 foot in diameter down.				
GENESEE COUNTY				
2.0 E MONTROSE	06/02/07 15:20 EST		3K	Thunderstorm Wind (EG 52 kt)
	06/02/07 15:20 EST		0	43.18N, 83.8303W
A trained spotter reported many large tree branches down, as well as a few trees. One tree fell on a garage, causing some structural damage. Property damages were roughly estimated at \$3K.				
GENESEE COUNTY				
4.0 N FLUSHING	06/02/07 15:30 EST		0	Thunderstorm Wind (EG 52 kt)
	06/02/07 15:30 EST		0	43.1278N, 83.83W
A trained spotter reported two trees down.				
WAYNE COUNTY				
2.6 N SHELDON	06/02/07 15:30 EST		15K	Thunderstorm Wind (EG 52 kt)
	06/02/07 15:30 EST		0	42.3083N, 83.47W
The local television stations reported a large tree down on a trailer home. Property damages were estimated at roughly \$15K.				
LENAWEE COUNTY				
3.0 SE CLAYTON	06/02/07 15:35 EST		0	Thunderstorm Wind (EG 52 kt)
	06/02/07 15:35 EST		0	41.8393N, 84.1888W
Law enforcement reported a large tree down.				
WAYNE COUNTY				
WESTLAND	06/02/07 15:40 EST		3K	Thunderstorm Wind (EG 52 kt)
	06/02/07 15:40 EST		0	42.32N, 83.3W
The local television stations reported trees and power lines down.				

A few clusters of strong to severe thunderstorms developed on a very warm and moist Saturday afternoon. One area of severe storms moved through Shiawassee and northern Genesee Counties, producing wind damage and two reports of severe hail. Another area of storms formed farther to the south, leading to several reports of wind damage. There was also one report of a large tree down on a home.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONROE COUNTY				
3.0 SE TEMPERANCE	06/03/07 12:00 EST		20K	Thunderstorm Wind (EG 56 kt)
	06/03/07 12:00 EST		0	41.7493N, 83.5289W
A local newspaper article reported at least 8 utility poles, along M-125 between Sterns and Benore Roads, had snapped in half due to high winds in a thunderstorm. Total damages were estimated at roughly \$20K.				
LIVINGSTON COUNTY				
GREGORY	06/03/07 19:00 EST		0.40M	Flood (due to Heavy Rain)
2.0 E UNADILLA	06/07/07 23:00 EST		0	42.45N, 84.08W ~ 42.43N, 84.0308W
Local newspaper reports confirmed a couple dozen homes sustained flood damage. Five and a half inches of rain in only a few hours caused about a dozen basements to flood around the Gregory area on the evening of June 3rd. Additional basement flooding occurred later in the week around Lake Patterson, which finally peaked on Thursday June 7th. Flood waters finally began to recede that night. Total property damages were estimated at roughly \$400K.				
WASHTENAW COUNTY				
7.0 N CHELSEA	06/03/07 19:00 EST		50K	Flood (due to Heavy Rain)
4.0 W CHELSEA	06/07/07 23:00 EST		0	42.4212N, 84.02W ~ 42.32N, 84.0982W
A local newspaper reported basement flooding around a few of the inland lakes in extreme northwest Washtenaw County. Four to six inches of rain fell in just a few short hours on Sunday June 3rd. Inland lake levels slowly rose during the week, and eventually led to some minor flooding by mid-week. Total property damages were estimated at roughly \$50K.				
Deep moisture, associated with the remnants of tropical system Barry, interacted with a slow moving cold front and resulted in numerous thunderstorms with intense rainfall for much of the afternoon west of US-23. Radar indicated 4 to 6 inches of rain fell between 1300 EST and 1600 EST on Sunday June 3rd. The heaviest rain fell from Parkers Corner in Livingston County to just northwest of Manchester and as far east as Hell and Chelsea with Gregory caught in the middle. Runoff from the heavy rain caused a significant rise on the upper chain of lakes, including Patterson, Bass, Half Moon, Bruin, etc. Lake levels rose for several days and reached unofficial record levels on Thursday June 7th when flood waters reportedly peaked. Shoreline flooding along the inland lakes affected many homes and cottages. It took nearly 2 weeks for lake levels to recede to original levels. In addition to the flooding, a downburst of wind coming out of a thunderstorm struck the ground and caused localized damage in extreme southeastern Monroe County.				
WAYNE COUNTY				
LIVONIA	06/08/07 12:12 EST		0	Thunderstorm Wind (EG 55 kt)
	06/08/07 12:12 EST		0	42.38N, 83.37W
Law enforcement reported trees and power lines down.				
WAYNE COUNTY				
LIVONIA	06/08/07 12:14 EST		0	Thunderstorm Wind (EG 55 kt)
	06/08/07 12:14 EST		0	42.38N, 83.37W
A trained spotter reported a tree 2 feet in diameter down.				
WAYNE COUNTY				
REDFORD	06/08/07 12:20 EST		0	Hail (1.00 in)
	06/08/07 12:20 EST		0	42.42N, 83.28W
WAYNE COUNTY				
DETROIT	06/08/07 12:25 EST		0	Thunderstorm Wind (EG 55 kt)
	06/08/07 12:25 EST		0	42.33N, 83.07W
The local television stations reported trees and power lines down in northwest Detroit.				
MONROE COUNTY				
3.0 SSE ERIE	06/08/07 12:41 EST		0	Thunderstorm Wind (EG 56 kt)
	06/08/07 12:41 EST		0	41.7399N, 83.4777W
The public reported 3 to 4 trees down at a marina on the Lost Peninsula.				
ST. CLAIR COUNTY				

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ALGONAC	06/08/07 13:00 EST		0	Thunderstorm Wind (EG 55 kt)
	06/08/07 13:00 EST		0	42.62N, 82.53W
Law enforcement reported trees down.				
Scattered thunderstorms developed in advance of a strong cold front. A few of the storms became severe, having the biggest impact across Wayne County. Wind gusts as high as 65 MPH blew down several trees and power lines.				
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HURON COUNTY				
6.0 NW BAD AXE	06/18/07 13:45 EST		0	Thunderstorm Wind (MG 50 kt)
	06/18/07 13:45 EST		0	43.8613N, 83.085W
A trained spotter measured a 58 MPH wind gust.				
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HURON COUNTY				
8.0 NW BAD AXE	06/18/07 13:47 EST		6K	Thunderstorm Wind (EG 52 kt)
	06/18/07 13:47 EST		0	43.8818N, 83.1134W
A trained spotter reported that part of a roof was blown off of a barn. Large tree branches were also blown down. Property damages were estimated at roughly \$6K.				
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HURON COUNTY				
5.0 W KINDE	06/18/07 14:12 EST		30K	Thunderstorm Wind (EG 54 kt)
	06/18/07 14:12 EST		0	43.93N, 83.1004W
A trained spotter reported two barns blown down. Total damages were estimated at roughly \$30K.				
Hot and humid air settled into the region behind a warm front, setting off a couple of severe thunderstorms in Huron County. These storms were responsible for multiple incidents of farm outbuilding damage.				
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LENAWEE COUNTY				
1.0 E SOUTHLAND	06/21/07 12:38 EST		0	Thunderstorm Wind (EG 50 kt)
	06/21/07 12:38 EST		0	41.73N, 83.7606W
A trained spotter reported large tree branches down on the Lenawee/Monroe County line.				
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MONROE COUNTY				
2.0 SSW OTTAWA LAKE	06/21/07 12:38 EST		0	Thunderstorm Wind (EG 50 kt)
	06/21/07 12:38 EST		0	41.7433N, 83.7648W
A trained spotter reported large tree branches down on the Lenawee/Monroe County line.				
A cold front, slowly dropping south through the area, featured a few showers with embedded thunderstorms for much of the morning. One storm managed to produce severe wind gusts along the Michigan/Ohio border, resulting in tree damage.				
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LAPEER COUNTY				
2.0 W ALMONT	06/27/07 12:15 EST		0	Thunderstorm Wind (EG 52 kt)
	06/27/07 12:15 EST		0	42.92N, 83.0695W
Law enforcement reported a tree down.				
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WASHTENAW COUNTY				
1.2 NW DEXTER	06/27/07 12:30 EST		0	Thunderstorm Wind (EG 52 kt)
	06/27/07 12:30 EST		0	42.3426N, 83.887W
A trained spotter reported trees 10 to 12 inches in diameter uprooted.				
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WAYNE COUNTY				
DETROIT	06/27/07 12:30 EST	1	0	Lightning
	06/27/07 12:30 EST		0	42.33N, 83.07W
A golfer was struck and killed by lightning after seeking refuge under a tree at the Rogell Golf Course near 7 Mile and Lahser Roads.				
Direct Fatalities: M68UT				

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WAYNE COUNTY				
3.0 W WESTLAND	06/27/07 12:58 EST		0	Thunderstorm Wind (EG 52 kt)
	06/27/07 12:58 EST		0	42.32N, 83.3587W
A trained spotter estimated a 60 MPH wind gust.				
WAYNE COUNTY				
WESTLAND	06/27/07 13:03 EST		15K	Thunderstorm Wind (EG 56 kt)
	06/27/07 13:03 EST		0	42.32N, 83.3W
The local television stations reported a large tree uprooted on a house.				
WAYNE COUNTY				
DEARBORN	06/27/07 13:20 EST		0	Thunderstorm Wind (EG 52 kt)
	06/27/07 13:20 EST		0	42.32N, 83.25W
A trained spotter reported two large tree branches down.				
SAGINAW COUNTY				
3.0 E FREELAND	06/27/07 14:20 EST		0	Hail (0.88 in)
	06/27/07 14:20 EST		0	43.52N, 84.0602W
SAGINAW COUNTY				
2.0 NNW SAGINAW	06/27/07 14:30 EST		0	Hail (0.75 in)
	06/27/07 14:30 EST		0	43.4467N, 83.9852W
BAY COUNTY				
6.0 SW BAY CITY	06/27/07 14:32 EST		0	Thunderstorm Wind (EG 54 kt)
	06/27/07 14:32 EST		0	43.5387N, 83.9647W
Road Commission reported a tree down on a road.				
SAGINAW COUNTY				
4.0 NW SAGINAW	06/27/07 14:35 EST		0	Thunderstorm Wind (EG 50 kt)
	06/27/07 14:35 EST		0	43.4609N, 84.0263W
A trained spotter reported a tree branch 5 inches in diameter down.				
SAGINAW COUNTY				
1.0 N SAGINAW	06/27/07 14:40 EST		0	Hail (1.00 in)
	06/27/07 14:40 EST		0	43.4345N, 83.97W
SAGINAW COUNTY				
1.0 N SAGINAW	06/27/07 14:40 EST		0	Thunderstorm Wind (EG 50 kt)
	06/27/07 14:40 EST		0	43.4345N, 83.97W
A trained spotter reported a few large tree branches down.				
SAGINAW COUNTY				
BRIDGEPORT	06/27/07 15:00 EST		0	Hail (0.75 in)
	06/27/07 15:00 EST		0	43.37N, 83.9W
SAGINAW COUNTY				
1.0 E SAGINAW	06/27/07 16:55 EST		10K	Flash Flood (due to Heavy Rain)
	06/27/07 17:55 EST		0	43.42N, 83.9501W
A trained spotter reported water 12 inches deep flowing across Interstate 75. Several cars stalled out. Total damages were estimated at roughly \$10K.				
SAGINAW COUNTY				
SAGINAW	06/27/07 16:55 EST		3K	Thunderstorm Wind (EG 56 kt)
	06/27/07 16:55 EST		0	43.42N, 83.97W

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A trained spotter reported numerous trees and power lines down in downtown Saginaw.				
MONROE COUNTY				
TEMPERANCE	06/27/07 17:11 EST		3K	Thunderstorm Wind (EG 55 kt)
	06/27/07 17:11 EST		0	41.78N, 83.57W
Law enforcement reported power lines and a tree down in Temperance.				
SAGINAW COUNTY				
3.0 NNW BURT	06/27/07 17:35 EST		0	Thunderstorm Wind (EG 56 kt)
	06/27/07 17:35 EST		0	43.2701N, 83.9428W
A trained spotter reported a tree 2 1/2 feet in diameter down.				
GENESEE COUNTY				
MONTROSE	06/27/07 17:54 EST		3K	Thunderstorm Wind (EG 55 kt)
	06/27/07 17:54 EST		0	43.18N, 83.87W
Law enforcement reported power lines and two trees down in Montrose.				
GENESEE COUNTY				
1.0 W SWARTZ CREEK	06/27/07 19:10 EST		0	Thunderstorm Wind (EG 56 kt)
	06/27/07 19:10 EST		0	42.95N, 83.8398W
Law enforcement reported two trees 4 feet in diameter down.				
GENESEE COUNTY				
LENNON	06/27/07 19:10 EST		0	Thunderstorm Wind (EG 55 kt)
	06/27/07 19:10 EST		0	42.98N, 83.92W
A trained spotter reported two trees down.				
SHIAWASSEE COUNTY				
HENDERSON	06/27/07 19:10 EST		0	Hail (0.88 in)
	06/27/07 19:10 EST		0	43.08N, 84.2W
SHIAWASSEE COUNTY				
HENDERSON	06/27/07 19:10 EST		0	Thunderstorm Wind (EG 55 kt)
	06/27/07 19:10 EST		0	43.08N, 84.2W
Law enforcement reported two trees down in Henderson.				
SHIAWASSEE COUNTY				
JUDDVILLE	06/27/07 20:00 EST		1K	Flash Flood (due to Heavy Rain)
	06/27/07 21:00 EST		0	43.05N, 83.98W

Law Enforcement reported several inches of water over a few roads in Juddville. There were no reports of any significant damage.

Numerous waves of thunderstorms affected southeast Michigan during the afternoon and evening of June 27, 2007. Severe storms developed along and ahead of a cold front, which dropped south through a very warm and humid airmass. There were numerous reports of wind damage and hail. Saginaw County received two separate rounds of severe weather, producing hail to one-inch in diameter and a number of reports of trees and power poles blown down by winds. Flooding was also a concern, as some areas were repeatedly affected by complexes of storms. Northern Shiawassee County received the worst flooding, with National Weather Service radar estimating up to six inches of rainfall in just a few hours. A golfer in northwest Detroit was struck by lightning and killed after seeking refuge under a tree.